

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103688.D
 Acq On : 16 Mar 2018 11:30
 Operator : JU/SJ
 Sample : PB107245BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

Quant Time: Mar 16 14:19:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	165607	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	687596	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	321008	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	585245	20.00	ng	0.00
75) Chrysene-d12	14.16	240	524255	20.00	ng	0.01
86) Perylene-d12	15.72	264	431346	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1152398	105.84	ng	0.01
7) Phenol-d6	6.59	99	1408192	105.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	845999	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	233534	84.61	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1492684	74.17	ng	0.00
78) Terphenyl-d14	13.09	244	1549797	68.62	ng	0.00

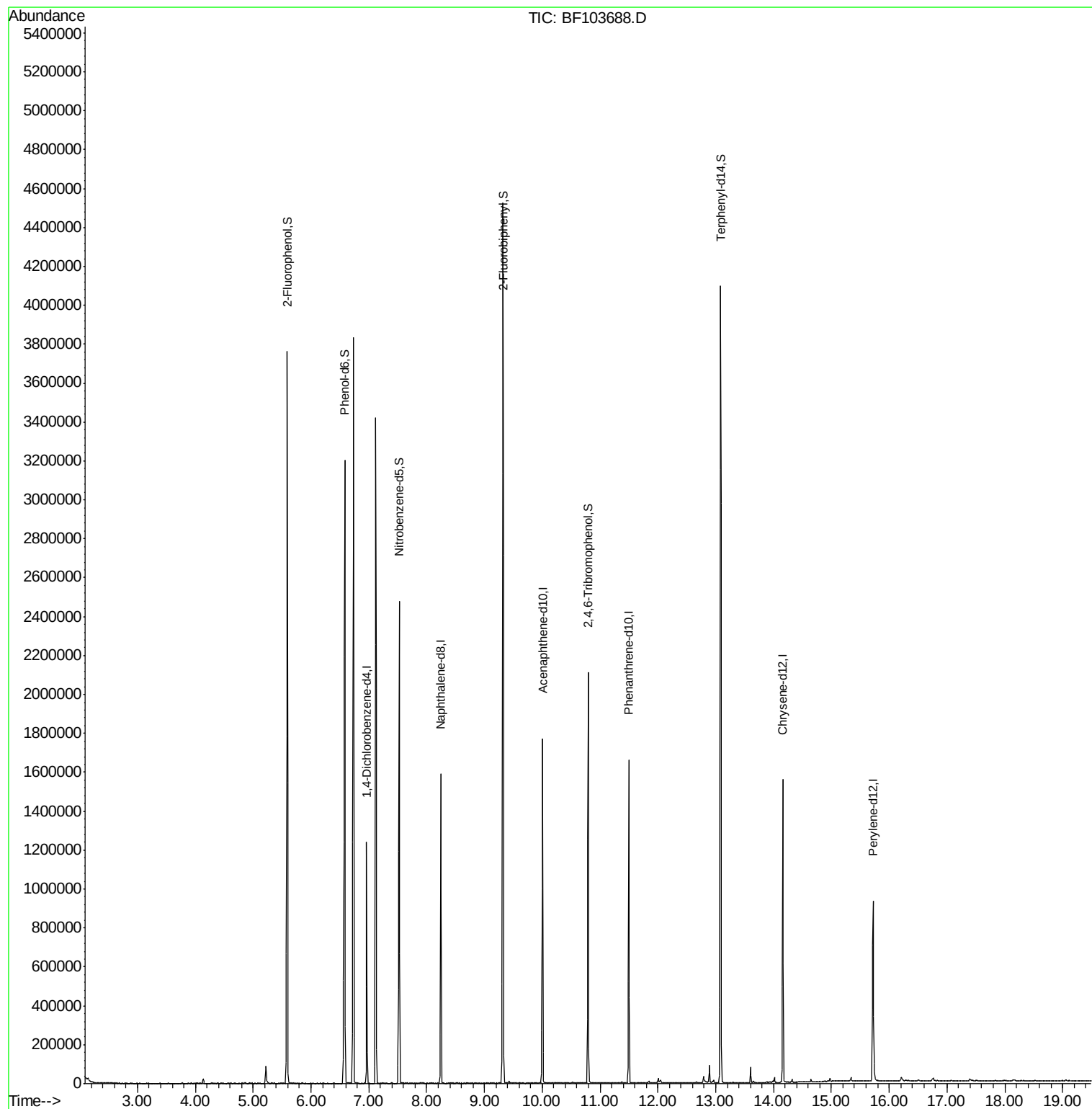
Target Compounds Qvalue

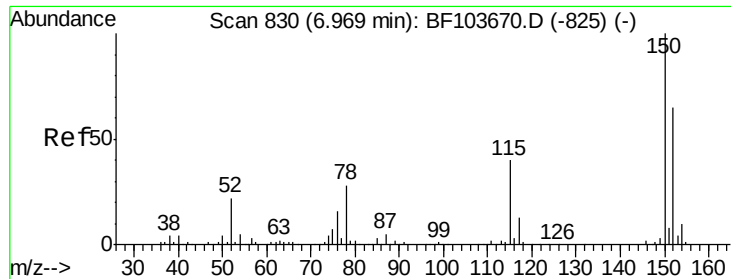
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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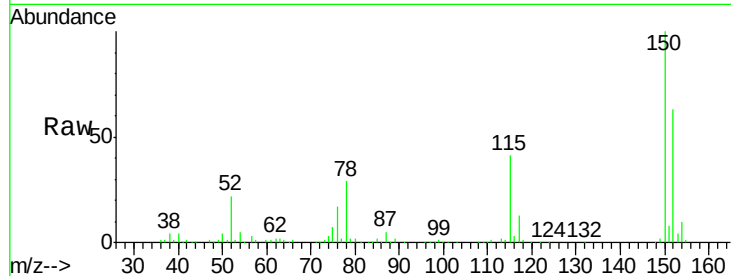


#1

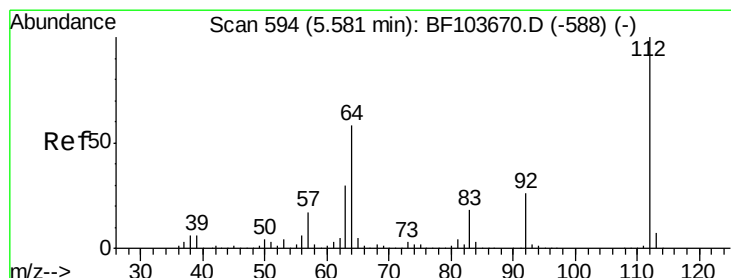
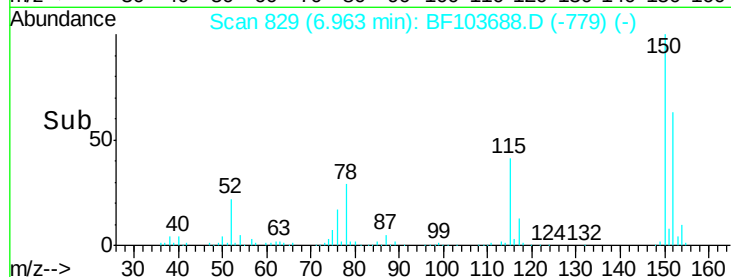
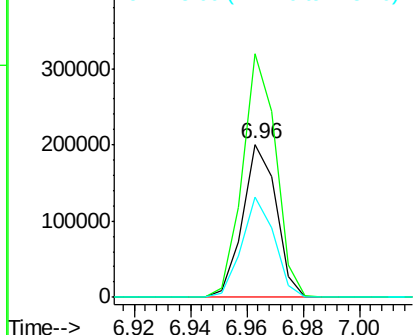
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Instrument :
BNA_F
ClientSampleId :
PB107245BL

Tot Ion:152 Resp: 165607
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.4 50.1 75.1



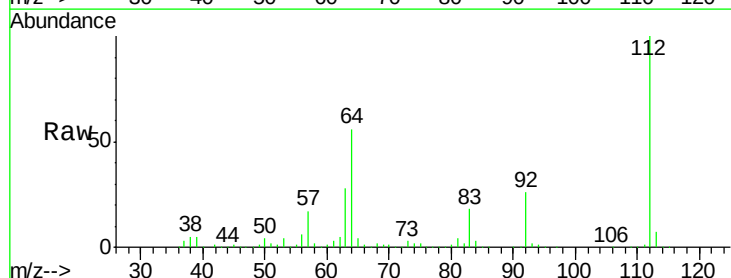
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



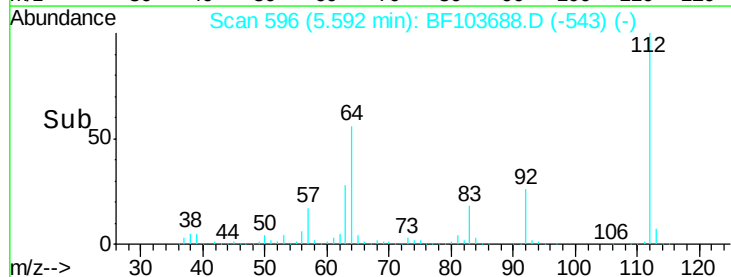
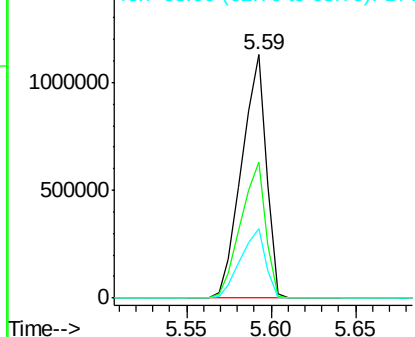
#5

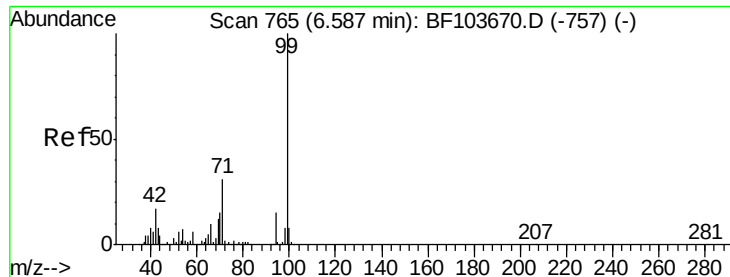
2-Fluorophenol
Concen: 105.840 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Tgt Ion:112 Resp: 1152398
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.714 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

Instrument :

BNA_F

ClientSampleId :

PB107245BL

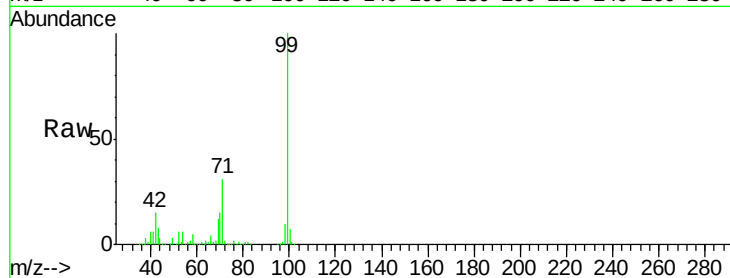
Tot Ion: 99 Resp: 1408192

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

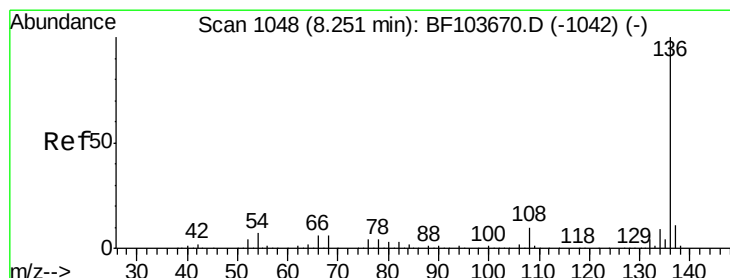
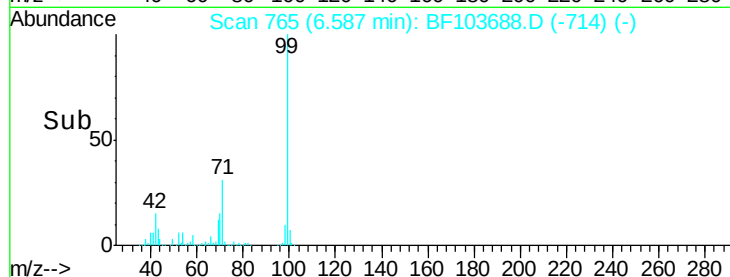
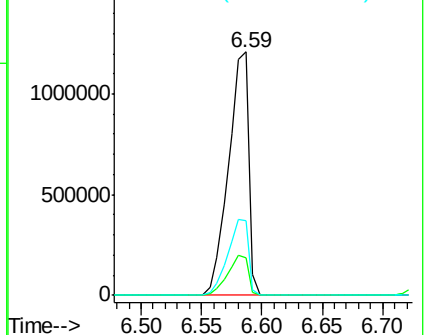
71 30.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF103688.D

Acq: 16 Mar 2018 11:30

Tgt Ion: 136 Resp: 687596

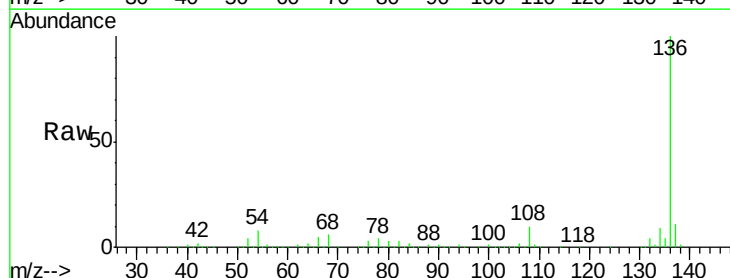
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.7 6.6 9.8

68 6.3 5.0 7.4

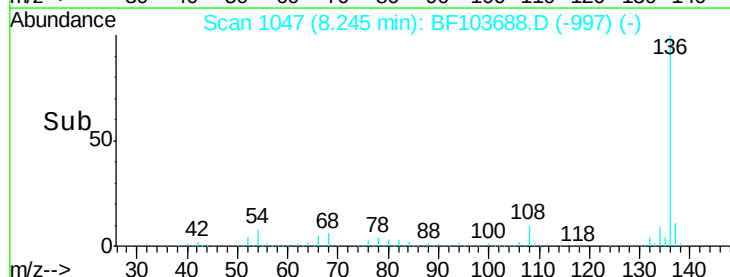
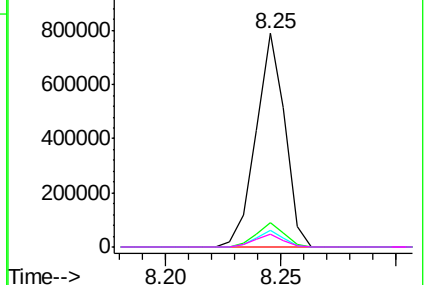


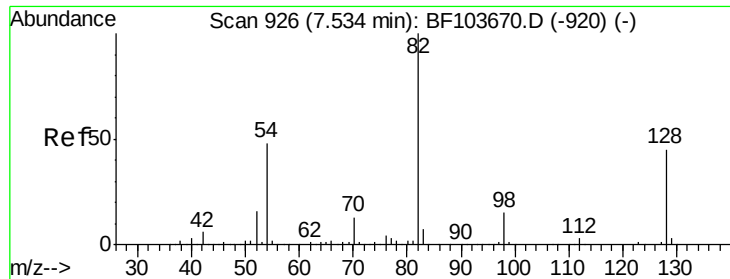
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

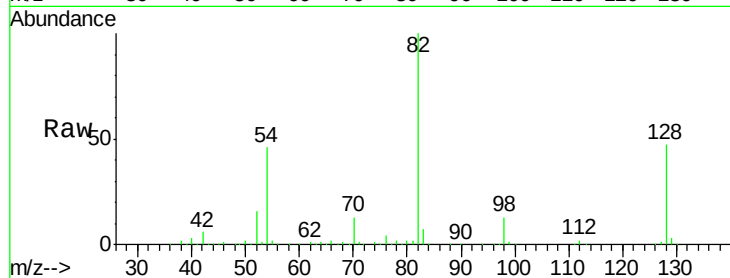




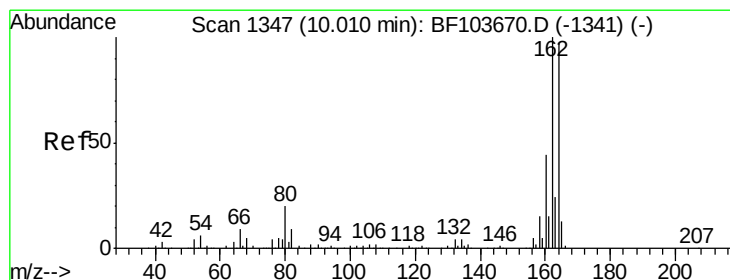
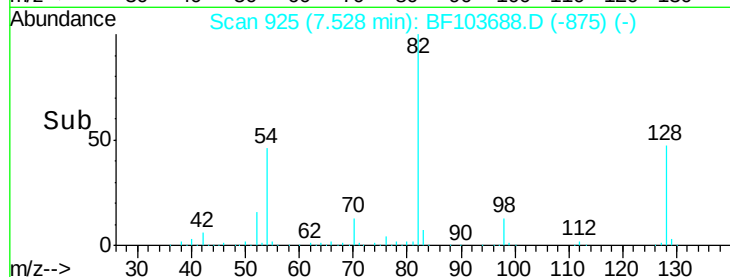
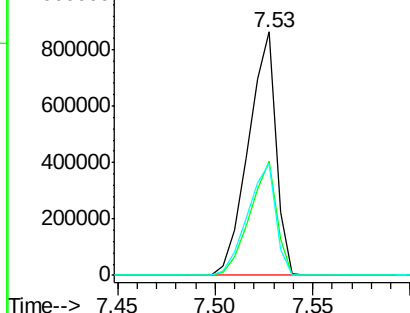
#23
 Nitrobenzene-d5
 Concen: 85.801 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

Tot Ion	82	Resp	845999
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	46.8		
54	46.1		
	41.4		
	62.2		

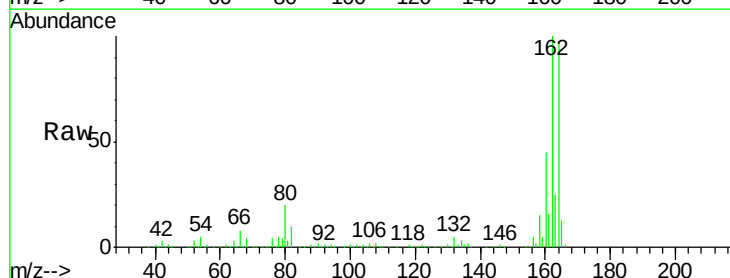


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

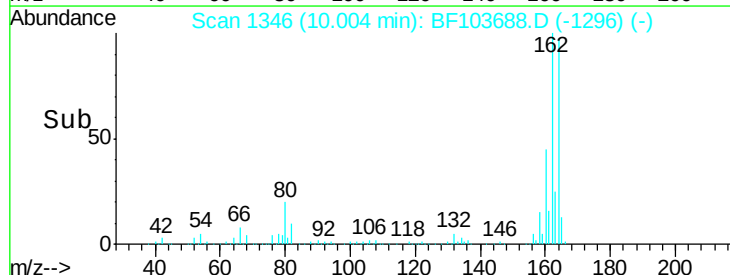
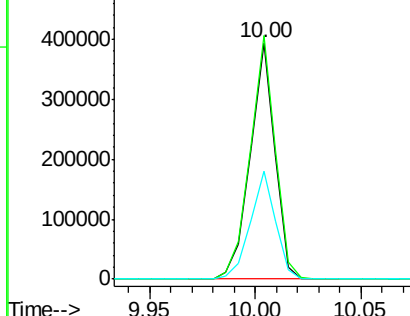


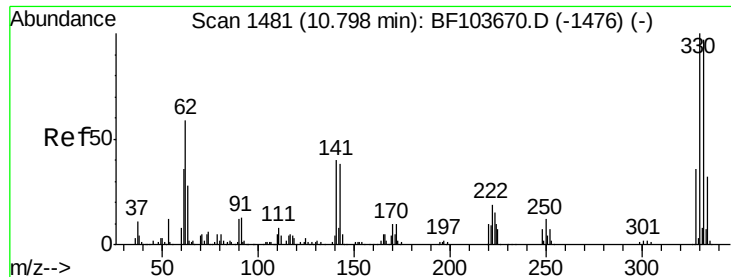
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Tgt Ion	164	Resp	321008
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	103.2		
160	46.0		
	38.3		
	57.5		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

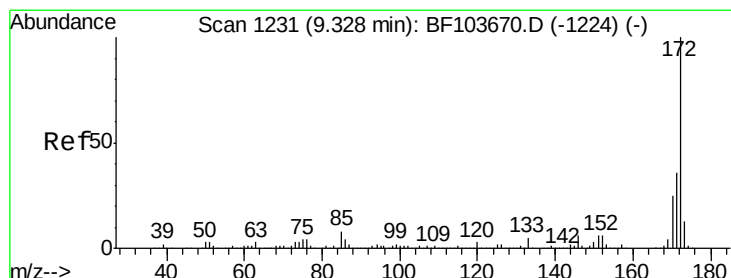
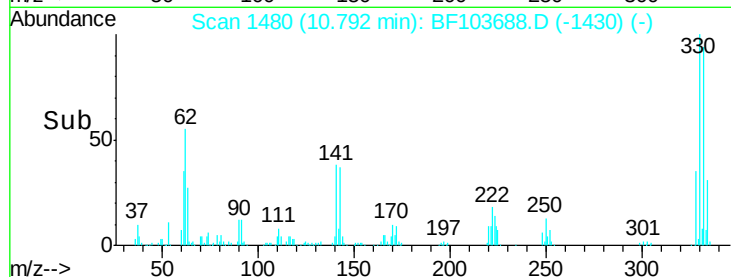
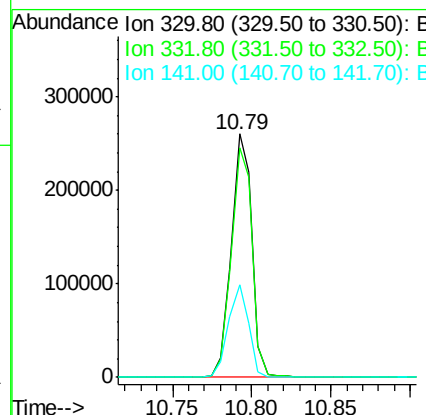
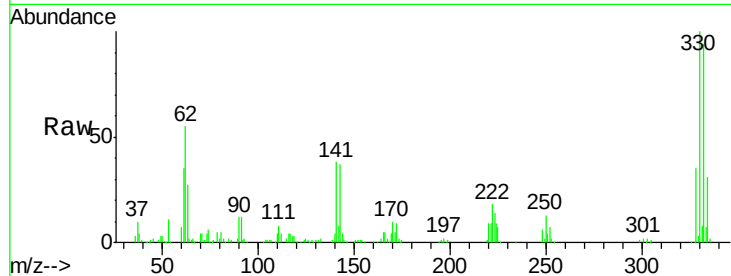




#41
 2,4,6-Tribromophenol
 Concen: 84.612 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

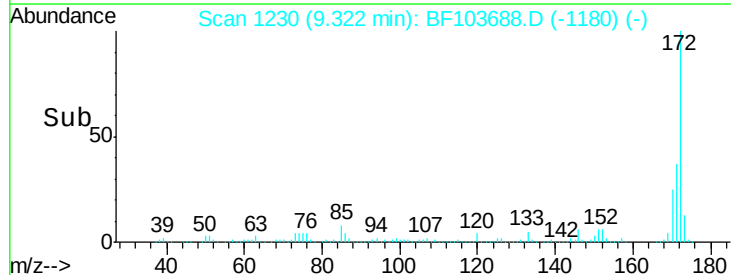
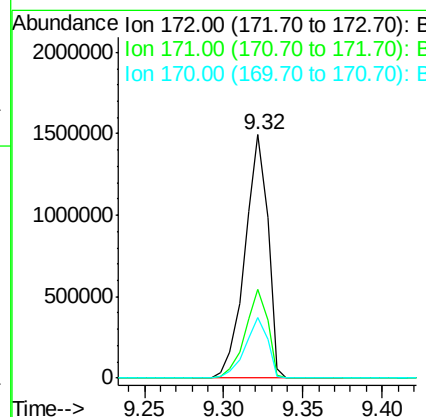
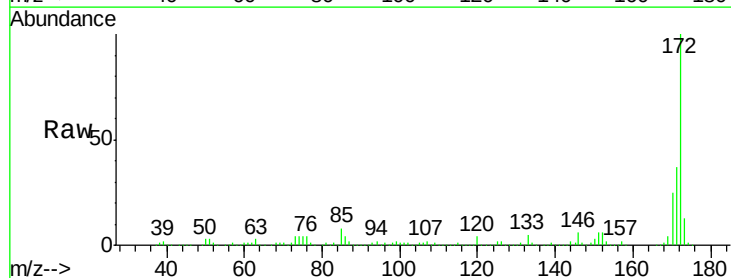
Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

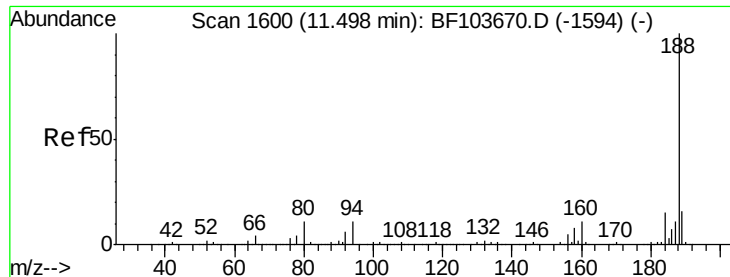
Tot Ion:330 Resp: 233534
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 74.174 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Tgt Ion:172 Resp: 1492684
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.9 19.6 29.4

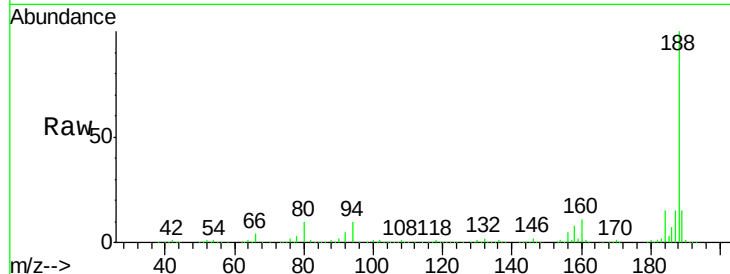




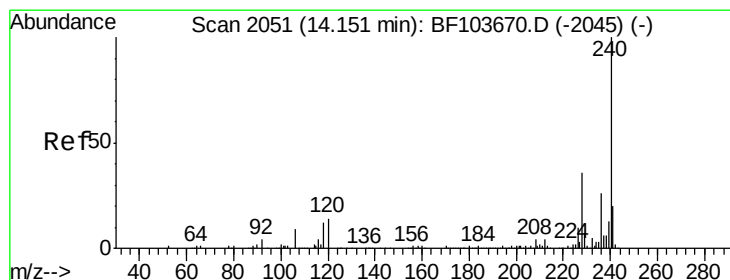
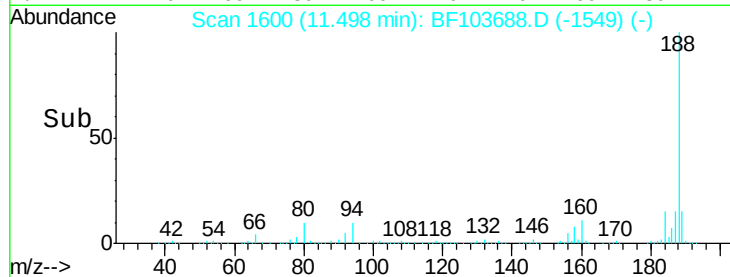
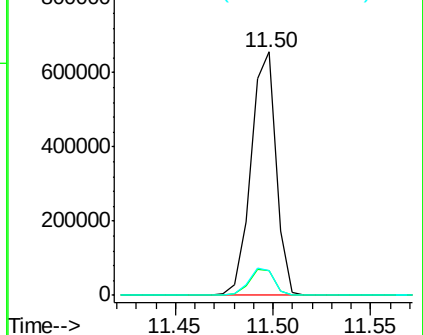
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Instrument :
BNA_F
ClientSampleId :
PB107245BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.4	9.2	13.8

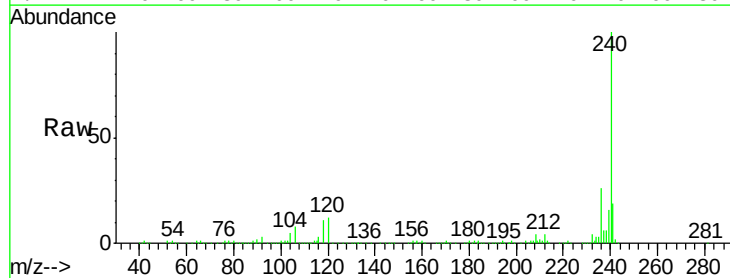


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

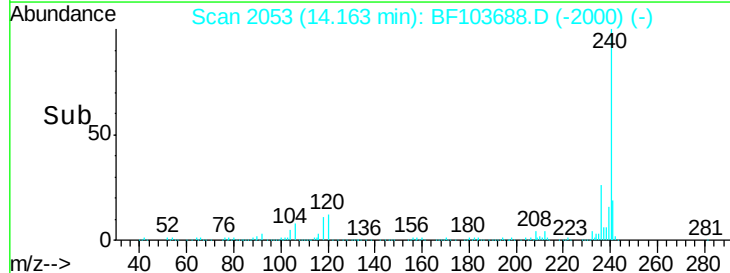
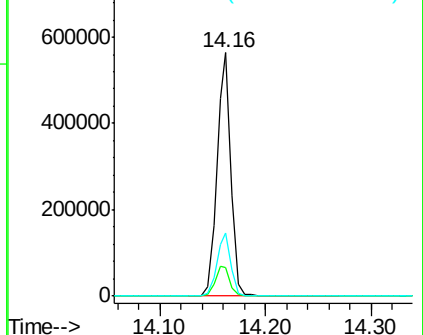


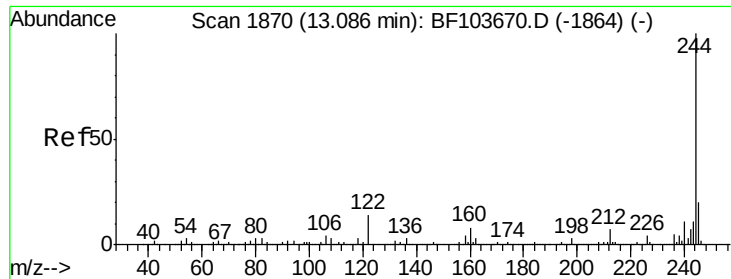
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103688.D
Acq: 16 Mar 2018 11:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.0	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

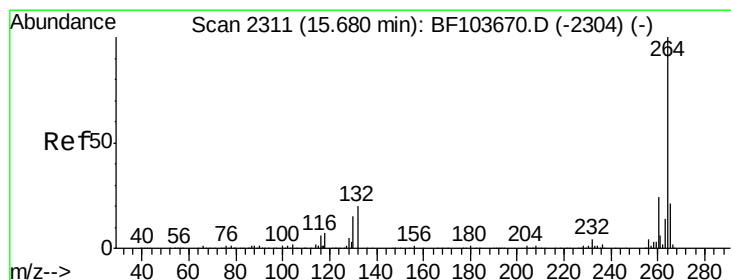
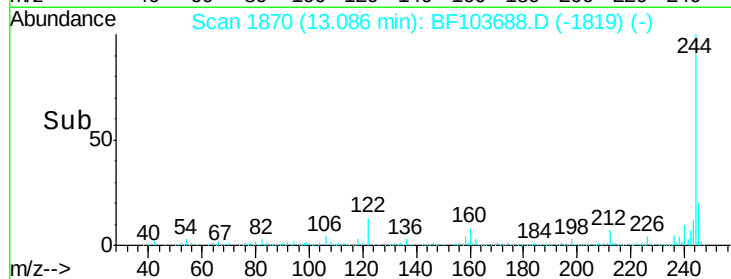
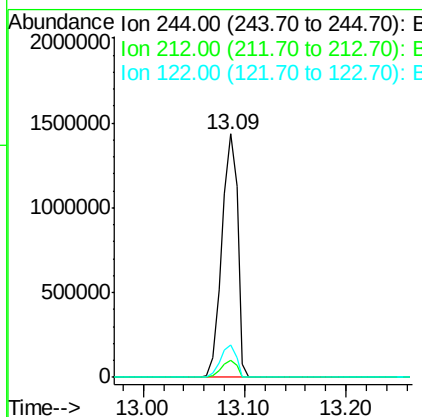
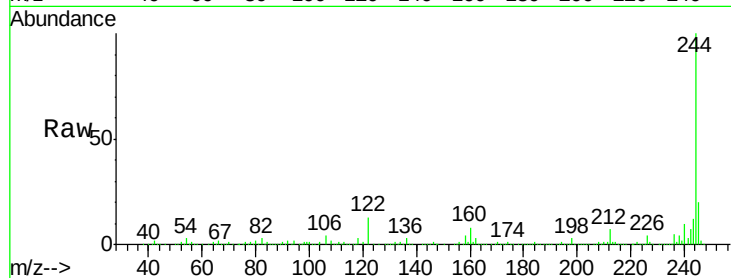




#78
 Terphenyl-d14
 Concen: 68.617 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

Tot Ion:244 Resp: 1549797
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2318
 Delta R.T. 0.05 min
 Lab File: BF103688.D
 Acq: 16 Mar 2018 11:30

Tgt Ion:264 Resp: 431346
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.5 26.3

